



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/687,324 Confirmation No. 7328
Applicant(s) : Robert Urscheler et al.
Filed : October 16, 2003
TC/A.U. : 1762
Examiner : Unknown
Title : METHOD OF PRODUCING A MULTILAYER COATED
SUBSTRATE HAVING IMPROVED BARRIER
PROPERTIES
Docket No. : 62733C
Customer No. : 00109

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the
Examiner's attention is directed to the information identified in the attached Form
PTO 1449.

A copy of all cited patents and printed publications is enclosed. The Examiner
is requested to review each reference and formulate his/her own understanding
thereof.

Respectfully submitted,

Paul D. Hayhurst
Registration No. 30,180
Phone: (989) 636-9373

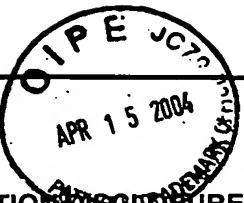
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PDH/ejh

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INFORMATION DISCLOSURE STATEMENT <i>(Use Several Sheets if necessary)</i>		ATTY DOCKET NO. 62733 C		SERIAL NO. 10/687,324			
		APPLICANT Robert Urscheler et al.					
		FILING DATE October 16, 2003		GROUP 1762			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
	US 2001/0016231	Aug. 23, 2001	Christopher L. Bower	427	420		
	US 2002/0066404	Jun. 6, 2002	Ueberschar et al.	118	261		
	US 2002/0160121	Oct. 31, 2002	Katagiri et al.	427	420		
	US 2003/0118739	Jun. 26, 2003	Li et al.	427	421		
	US 2003/0190432	Oct. 9, 2003	Yokota et al.	427	420		
	US 2003/0235657	Dec. 25, 2003	Schweizer et al.	427	420		
	US 2003/0003197	Jan. 2, 2003	Berlin et al.	426	106		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	WO 02/053838	July 11, 2002	International	D21H	27/10		
	WO 02/066739	Aug. 29, 2002	International	D21H	23/48	<input type="checkbox"/> X	
	WO 02/081576	Oct. 17, 2002	International	C09D	4/00		
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)							
	Triantafillopoulos, Nick et al., "Operational Issues in High-speed Curtain Coating of Paper", 2001.						
	Derwent Abstract 1992-429056, Japanese Patent 04-325586, Wakata Kazuyoshi et al., Nov. 13, 1992.						
	Derwent Abstract 1992-429948, Japanese Patent 04-327296, Higuchi Masahiro et al., Nov. 16, 1992.						
	Derwent Abstract 1995-196793, Japanese Patent 07-113068, Moroishi Yutaka et al., May 2, 1995.						
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	Derwent Abstract 1993-055029; Japanese Patent 05004441, Sugiyama Takeo, Jan. 14, 1993.						
EXAMINER			DATE CONSIDERED				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.							



INFORMATION Disclosure STATEMENT

(Use Several Sheets if necessary)

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APPLICANT Robert Urscheler et al.

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GROUP 1762

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
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	US 3508947	April 28, 1970	D. J. Huges	117	34	
	US 4041897	Aug. 16, 1977	Frank Ade	118	300	
	US 4109611	Aug. 29, 1978	Fahrni et al.	118	325	
	US 4358476	Nov. 9, 1982	Zimmer et al.	427	44	
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	US 5733608	Mar. 31, 1998	Kessel et al.	427	547	
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	US 6562441	May 13, 2003	Maeda et al.	428	195	

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	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	BE 852751	Sept. 22, 1977	Belgium	B05C		X
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	JP 2000-45200	July 22, 1998.	Japan	D21H	23/48	

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	Schweizer, Peter M."Premetered coating processes, Advantages and applicaitons", Coating, 1998.
	Alleborn, Norbert et al., "High-speed curtain coating of paper", PTS-Coating Symposium, 2001.
	Miyamoto, K. and Yoshinobu Katagiri, "Curtain Coating", Liquid Film Coating, 1997, 463-494.

EXAMINER

DATE CONSIDERED

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	WO 98/45054	Oct. 15, 1998	International		B05D	3/00	
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	Derwent Abstract 1995-204515, Japanese Patent 07119083, May. 9, 1995.						
	Derwent Abstract 2001-274380, Japanese Patent 2001/018526, July 7, 1999.						
	Derwent Abstract 2001-239141, Japanese Patent 2001/038284, Yanagisawa Kenji et al., July 30, 1999.						
	Derwent Abstract 2001-274380, Japanese Patent 2001/138631, Maruyama et al., May 22, 2001.						
	Derwent Abstract 2002-003151, Japanese Patent 2001/252612, Sunakawa Tomohide, Sept. 18, 2001.						
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	Derwent Abstract 2002-296627, Japanese Patent 2001/293956, Shiraishi et al., Oct. 23, 2001.						
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	Derwent Abstract 2003-516007, Japanese Patent 2002/323734, Nagahama Masaru et al., Nov. 8, 2002.						
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